

## Early Selection Of Award Picks Urged Of Y-12ers

**12 Attractive Articles  
Offered For Helping  
Set Carbide Record**

Display of the even dozen fine and valuable pieces of merchandise from which eligible Y-12ers will pick their individual safety awards was started last week in the plant and employees who will receive the prizes are urged to speed their selection. Safety Department representatives are making the rounds of the divisions and departments in Y-12 and distributing selection cards at the same time the articles are shown.

### Delivery Can Be Speeded

It is pointed out that the quicker the individual Y-12er makes his or her decision and the speedier the cards are returned to the Safety Department—the final ordering of the articles and distribution of them will be expedited just that much.

The 12 articles now being offered eligible Y-12ers for participating in the Company record-breaking safety period of 3,126,787 man-hours of accident-free operations were selected by a plant-wide Safety Award Selection Committee. This committee was composed of representatives of every division in the plant.

### Committee Expands List

It was originally planned to offer only seven articles for consideration by the safety-minded Y-12ers who participated in the safety period that extended between July 30 through November 20. However, the committee found so many attractive articles available and guided by suggestions from employees in their respective divisions it expanded the list to 12.

As an aid to Y-12ers in making their selections, a picture of the available awards is shown in the adjoining columns of The Bulletin. The picture may enable decisions to be made at home by employees and members of their families who might not have seen are articles first hand.

Y-12ers eligible to receive the individual safety awards are those who were on the payroll during the safety period—July 30 to November 20, inclusive. The awards are valued at \$5 each.

## ACS Chapter To Hear Talk By Penn State Professor

Dr. W. Conrad Fornelius, of Pennsylvania State College, will speak at the first meeting of the year of the East Tennessee Chapter of the American Chemical Society on Thursday night, January 21. The meeting will be held at Dabney Hall at the University of Tennessee, Knoxville.

### PAUCAH "STEPCHILD"

The Paducah, Ky., Sun Democrat editorially complains that it cannot understand why the federal government is so "niggardly" in aiding Paducah meet the many problems created with location of the atomic energy plant there while thrusting billions of dollars on other countries in the name of "aid."



ABOVE ARE THE FINE ARTICLES FROM WHICH ELIGIBLE Y-12ers are selecting their individual safety awards while at top is the Safety Selection Award Committee that picked the prizes. The committee selections are (1) pen and pencil set; (2) steak knives; (3) travel iron; (4) travel toilet kit; (5) carving set; (6) kitchen clock; (7) canister set; (8) ice crusher; (9) bathroom scales; (10) casting rod; (11) card table; (12) Scotch Kooler.

## National Safety Council Presents AEC With Award Of Honor For 1952 Record

The Atomic Energy Commission recently was presented the National Safety Council Award of Honor in recognition of the safety record established in the atomic energy program during 1952. The award plaque was presented to AEC Chairman Lewis L. Strauss by Ned M. Dearborn, President of the National Safety Council.

Three Oak Ridge facilities — Y-12, K-25 and the Oak Ridge National Laboratory—operated by Carbide and Carbon Chemicals Company for the AEC each received the Award of Merit from the National Safety Council for their exceptional safety records during 1952. Carbide personnel contributed substantially to the overall AEC safety record that earned the Council award.

### Frequency Drops 50 Per Cent

During 1952, the frequency of occupational injuries per 1,000,000 man-hours worked in all categories of the atomic energy program decreased 50 per cent below the average for the previous three years and the severity of injuries

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### SAFETY SCOREBOARD

**Your Plant Has  
Operated  
43 Days  
Without A Lost Time  
Accident  
Through January 10**

## Analytical Chemistry Body Will Meet Next Monday

The Analytical Group of the East Tennessee Chapter of the American Chemical Society will hold its first meeting of the new year next Monday night, January 18. The session will be held at 8 o'clock in Room A-132, Oak Ridge High School.

Nick Orrick, of K-25, will speak on "Macro And Micro Applications of Thermal Balances to Analytical Chemistry." All Y-12 members of the group and other chemists in the plant are invited to attend the meeting.

## Physics Seminar Invites Y-12ers To Friday Meeting

All Y-12 technical and scientific personnel interested in the work of the Oak Ridge Physics Seminar are invited to the weekly session of the group to be held at 3:15 o'clock Friday afternoon, January 15. The meeting will be held in the auditorium of Bldg. 4500, Oak Ridge National Laboratory Research Building. The speaker will be R. L. Macklin, of the ORNL Physics Division, whose topic will be "Cross Section of Lithium 7 (d,t) Lithium 6 Reaction."

## Carbide Awarded 12th McGraw-Hill Plaque

The presentation of the 12th annual award for Chemical Engineering Achievement was recently made to Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation by Chemical Engineering, a McGraw-Hill publication. The award was made for the "Commercial Production of Aromatic Chemicals from Coal by High-Pressure Hydrogenation."

In accepting the award, Dr. J. G. Davidson, President of Carbide and Carbon Chemicals Company, outlined future plans for the application of the coal-hydrogenation process.

Dr. Davidson recalled the presentation of the first annual award, also won by Carbide and Carbon Chemicals Company. He started by saying,

"It is with great pride that I accept the award on behalf of the people of Carbide whose work has made our coal-hydrogenation project a reality. I would like to thank also McGraw-Hill and Chemical Engineering, who made possible this coveted honor, and the distinguished members of the Committee of Award for their consideration."

"Twenty years ago Carbide and Carbon Chemicals Corporation was the recipient of the first plaque awarded by McGraw-Hill. The plaque states it was awarded because of our pioneering efforts in the field of synthetic aliphatic organic chemicals."

He went on to relate how the field of synthetic aliphatic organic chemicals developed since then. "Remember," he said, "at that time the markets for most of these products were completely unexplored, although the products themselves in most cases were not new. In all cases our method of seeking markets was the same. Samples were produced and brought to the attention of the chemists of the various companies with whom we were dealing."

"By 1952, the value of products in this classification amounted to some \$2,700,000,000, and although we started out alone, we now have plenty of competitors, both large and small which is the best commendation that could be given to the industry."

Dr. Davidson then turned to

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### ROAST BEEF HASH TOPS SPECIAL LUNCH AT CAFETERIA THURSDAY

Roast Beef Hash will be the tasty entree on the Thursday Special Lunch at the Y-12 Cafeteria tomorrow, Thursday, January 14. The main dish will be accompanied by a vegetable, choice of salad or dessert and rolls and butter. The entire Thursday Special Lunch sells for only 50 cents.

## Election, Dividend Planned At Meet Of Credit Union

**All Members Urged  
To Attend Session  
On Thursday Night**

Election of a board of directors, two committees and declaring an annual dividend will mark the annual meeting of the Y-12 Employees Credit Union to be held at 7:30 o'clock tomorrow night, Thursday, January 14, at the Ridge Recreation Hall. Morris J. Fortenberry, who is completing his second term as president of the credit union, has urged every share holding member of the organization to attend the session in order to have a full voice in the proceedings.

### Short Program Promised

A short program is promised with all business to be expedited, according to the president. However, he pointed out, every member wishing to be heard on any pertinent subject is urged to attend and express his opinions.

The organization will select four members of the board of directors, two on the credit committee and two on the supervisory committee.

### Nominating Committee Act

A nominating committee has prepared a slate of candidates for the offices to be filled by the credit union membership vote. This committee is headed by Joe R. Patton as chairman with George Wells, Henry Benninghoff, Gordon Fielden and Joseph Bear-den as members. Regardless of the committee nominations, others may be made from the floor of the meeting.

The present board of directors

of seven members is composed of Fortenberry, W. K. Prater, A. M. Schrader, Mrs. Lorena Causey, the latter being office manager of the credit union, Fred Henry, Alan True and Paul Snodgrass. The first four mentioned are retiring after their term of office has expired.

Nominated for membership on the board for two-year terms are Mrs. Causey, Fortenberry, Schrader, Jack Fisher, Archie Riikola and Phil Baker.

On the three-member credit committee composed of Ernest Cobble, R. L. Jeffries and Paul Blakely, the terms of the first two expire. Jeffries and Cobble have been renominated to serve on

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## Cost Accounting Group Sets Knoxville Meeting Tuesday

Y-12ers interested in cost accounting are invited to a meeting of the Knoxville Chapter of the National Association of Cost Accountants set for 6:30 o'clock next Tuesday night, January 19. The meeting will be held in the Whittle Springs Hotel, Knoxville.

A panel of three University of Tennessee professors in accounting will speak on "Application of Burden to Finished Products." They are Warren L. Slagle, William T. Henry and Forrest C. Carter.



# The Bulletin

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## AIE To Hear Effect Of Nationalization

"The Effect of Nationalization of Industry on Productivity" will be explained to the East Tennessee Chapter of the American Institute of Industrial Engineers at a meeting at 7 o'clock tomorrow night, Thursday, January 14. The meeting will be held in Brown's Uptown Cafeteria, Knoxville, and the speaker will be Prof. Norman C. Hunt, of the University of Edinburgh, Scotland.

Many of Great Britain's major industries have been operating for some time under nationalization and Professor Hunt will give his observations on the effect of such operation on production. Professor Hunt is a graduate of the University of London and received his doctorate from the University of Edinburgh. He is in the United States making a study of graduate curricula in business administration and spending some time at the University of Tennessee in Knoxville.

John Harding, of the Y-12 Uranium Processing Department, is president of the East Tennessee Chapter of the AIEE, which has a considerable membership in the plant.

## 10 Years Service

Congratulations are offered to the following Y-12 employees who will complete 10 years of Company service within the next few days—

**Forrest E. Clark**, Analytical Laboratory, January 13.

**Thomas H. Miller**, Maintenance Shops, January 13.

**George Mitchel**, Superintendents, January 13.

**Carl T. Pate**, Janitors, January 14.

**William F. McDougal**, Alloy Division, January 15.

**William C. Laughlin**, Field Maintenance, January 17.

**John L. Young, Jr.**, Electrical Maintenance, January 17.

**William S. Wallace**, Product Processing, January 17.

**William L. McNabb**, Stores, January 18.

**Fred H. Marrow**, Field Maintenance, January 19.

**Thomas A. Norcrosse**, Property, January 19.

**Earnest C. Ward**, Field Maintenance, January 19.

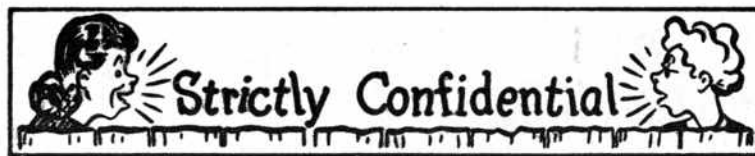
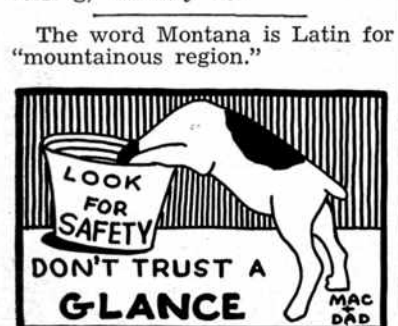
**Walter Creekmore**, Maintenance Automotive Equipment, January 20.

**George W. Carter**, Maintenance Shops, January 20.

**Vardy L. Peppers**, Field Maintenance, January 20.

**Rolly D. Beasley**, Product Processing, January 20.

The word Montana is Latin for "mountainous region."



### MAINTENANCE DIVISION

**Joseph Glenn Hart**, son of **E. W. Hart**, of Buildings and Grounds, will graduate from Bowling Green University, Bowling Green, Ohio, with a B. S. degree in accounting on January 22. Hart is 25 years of age, married and has two sons. He is a long time Oak Ridger graduating from Oak Ridge High School in 1947.

**F. M. Wise**, Transportation, is vacationing this week.

**R. M. Kemper, Jr.**, Planning and Estimating, became the proud papa of a 10 pound baby girl on December 31, in Atlanta, Ga. Best wishes to the mother and baby and congratulations to the papa. Vacations for the holidays included **H. D. Duncan**, **C. L. Matthews**, **Virginia Boswell**, **Jo Carter**, **Helen Sisson** and **Bob McWhorter**.

Maintenance Shops welcome **W. N. Lacy** to their roster. **Mike Shemanski** spent last week's vacation in Norris. **Keith Patrick** is spending this week at home in Lenoir City. The department extends get-well wishes to the folks on last week's sick list who were **J. T. Creasman**, **J. R. Gresham**, **W. T. Scandlin** and **R. H. Bradshaw**.

Field Maintenance welcomes **B. H. Montgomery** back to the fold after his service with Uncle Sam in the Air Force. Congratulations go to **W. E. Phillips**, who is the proud papa of a bouncing baby boy born on January 4. A welcome goes to the new members in the department including **J. V. McCoy**, **W. J. Shearon**, **F. N. Kephart** and **H. G. Mason**. Get-well wishes go to the folks on last week's sick list who were **L. E. Sikes**, **W. E. Elliott**, **R. W. Cheatwood** and **W. E. Thomas**. Two-week vacationers from the department are **B. H. Montgomery** and **E. Reagan**. **E. L. Hill** planned to attend a religious meeting while vacationing last week in Johnson City.

**C. A. McAlister**, of the Laundry Department and his wife visited her uncle recently at the Veterans Hospital in Johnson City. A speedy recovery wish to **Pearl Chesher**, who is ill at home in Knoxville. The department extends get-well wishes for **Sarah Coram's** husband, **Cecil**, who is ill at home in Oak Ridge. Also folks are glad Sarah's mother is improving after a long illness at her home in Knoxville.

Electrical Maintenance welcomes the new people to the department including **M. E. Hunt**, **S. H. Franks**, **F. H. Wray**, **Edna Stooksbury** and **S. L. Jamruz**.

A welcome goes to the folks who have returned after being off ill who are **C. O. Johnson**, **J. W. Rainbolt**, **K. England**, **C. A. Gregory**, and **M. E. Kitchens**.

The department bade farewell to **L. F. Kennedy**, who was inducted into the service on January 11. People returning from recent vacations are **W. P. Smith**, **C. C. Sharp**, **E. J. Walker**, **R. M. Roark**—who went to South Carolina—**K. A. McTeer**, **J. B. Henry**, **E. K. DeLong**, **D. E. Dryden**, **C. M. Davis**, **G. D. Ball** and **C. L. Jones**. Our fine reporter **Evans Means** reports that **J. R. Cooter**, Product Processing, made the first limit catch of the New Year over at Kingston catching 30 striped bass with a total weight of 30 pounds—Means has the largest one in his ice box.

### ALLOY DIVISION

The Alloy Division extends congratulations to **C. L. Stevens** at the birth of a baby son on January 5, at the Oak Ridge Hospital weighing eight pounds six

and one half ounces. **George Jasny** had his parents, Mr. and Mrs. Maurice Jasny, from Red Hook, N. Y., visiting in Oak Ridge over the New Year holidays. **Jo Ann Baker** visited a brother in Birmingham, Ala., on the New Year week end. **Bill Harper** flew down to Atlanta, Ga., last week end to visit a cousin.

### ENGINEERING DIVISION

Technical Engineering Department welcomes **Wilma Miller** back to work after a lengthy illness.

The Civil and Architectural Engineering Department extend get-well wishes to **Marjorie Yates**, who was ill last week.

### INDUSTRIAL RELATIONS DIVISION

**Sherley Honeycutt**, Guard, has returned from a week of vacation spent around LaFollette. **Liz Campbell** and her husband, **Bud**, spent a recent week of vacation on a tour of Florida. **W. W. Hall** has returned from a week of vacation. Vacationers from the department this week are **W. W. Hammer**, **D. H. Easterday**, **M. D. Carr** and **C. Cogdill**.

**Kay Underwood**, of Security, has returned from a week of vacation.

### SUPERINTENDENTS DIVISION

**Kathryn Dumas**, Technical Information, and her husband, **John Raymond**, are extended a welcome to our fair city—they have moved to Oak Ridge from Harri-man.

### CHEMICAL DIVISION

Congratulations are in order for **L. E. Powell**, Uranium Processing, who became the proud papa of a baby boy December 29. The little fellow was born in the Baptist Hospital in Knoxville. Congratulations also go to **A. R. McConkey** on the birth of a baby son January 1, in the Epperson Hospital in Athens. **G. P. McGhee** spent his two-week vacation in Florida.

### DEVELOPMENT DIVISION

The Development Division extends sympathy to **Jack Day**, whose father passed away January 5, in Washington, D. C.

**Jo Dell Oaks**, ADP Analytical and Assay Development, spent her recent vacation on a trip to Michigan. **Henry Greene** has returned from a two-week vacation. Congratulations are extended to **John York** at the birth of a baby son on January 2, at the Oak Ridge Hospital weighing eight pounds and four ounces.

Get-well wishes go to **Thelma Karnes**, Project Design Development, who was a patient in Saint Mary's Hospital in Knoxville last week.

### LABORATORY DIVISION

The Assay Laboratory extends get-well wishes to **Thelma I. Knisely**, who is ill.

### MANUFACTURING OFFICE DIVISION

Property Sales Department welcome the following people to their roster: **A. D. Marlow**, **Floyd McKamey** and **Luther Phillips**. A welcome goes to **S. F. Thomas** who has returned to work after an illness.

**A. Welden**, Manufacturing Office, has returned to work from a two-week vacation.

The Timekeeping Department welcomes **Lucille Hatmaker** and **Birdie Fitzgerald** to their roster.

The Receiving and Shipping Department welcomes **D. S. Tipton, Jr.**, **T. W. Sizemore**, **W. O. Harris** and **W. W. Chase** to their roster.

**Helen Claffey**, Stores, and her husband, **Chuck**, visited friends in Portsmouth, Ohio, over the New Year week end.

"Every job has drudgery, whether it is in the home, in the professional school or in the office. The first secret of happiness is the recognition of this fundamental fact." — Millicent Cary McIntosh.



Mr. and Mrs. James J. Turner



### SCHNEIDER-WHALEY

The engagement and approaching marriage of Miss Virginia Carolyn Schneider, of the Library Section of the Y-12 Technical Information Department, to Wayne Robert Whaley, of Knoxville, has been announced by the parents of the bride-elect. The ceremony will be performed at 7 o'clock Saturday night, January 16, at the First Christian Church, Knoxville. The Rev. Harry R. Cooke, pastor of the church, will officiate.

The bride-elect is the daughter of Mrs. Edward Schneider and the late Mr. Schneider, of Oak Ridge. Whaley is the son of the late Mr. and Mrs. Henderson C. Whaley, of Knoxville.

## Mrs. Emlet's Funeral Rites Are Held In Pennsylvania

Funeral services for Mrs. Rena E. Emlet, mother of Logan B. Emlet, Carbide Manager of Production and formerly Y-12 Plant Superintendent, who died on Monday, January 4, were held last Wednesday, January 6, at Hanover, Pa. Mrs. Emlet succumbed to a lengthy illness from a heart condition at her home in Hanover.

The deepest sympathy was extended by Y-12ers to the former Plant Superintendent and the family over their bereavement. Other survivors include a son, Dr. John R. Emlet, Durham, N. C.; a daughter, Mrs. Evelyn Bond Krug, Hanover; and three grandchildren, including John and Susan Emlet, of Oak Ridge. Mrs. Rena Emlet was the widow of John M. Emlet.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: Foyster Miracle, Analytical Laboratory; William H. Park, James T. Creasman and Avis Collins, Maintenance Shops; E. W. Sorrells and Ray W. Cheatwood, Field Maintenance; Jack T. Hale, Alloy Division; Robert E. Schabot, Chemical; Jerry Crowe, Uranium Processing; and Charles A. Gregory, Electrical Maintenance.



### TURNER-DAUGHERTY

A New Year's Eve marriage joined together two Y-12 employees, Miss Elizabeth Ann Daugherty, of Medical; and James J. Turner, of Manufacturing Office. The ceremony was performed at 8 p.m. Thursday, December 31, 1953, by the Rev. C. Reel, pastor of the Church of Christ, of Clinton, at the home of the bride's parents, Mr. and Mrs. Frank J. Daugherty, on the Knoxville-Oak Ridge Highway near Solway.

The groom is the son of E. L. Turner, of Clinton.

The bride was given in marriage by her father and during the ceremony Mrs. Jimmie Prichard played the Wedding March on the piano.

At her marriage the bride wore a blue suit with white accessories and a fingertip veil with seed pearls across the head piece. She carried a white orchid corsage.

Mrs. Clyde S. Pennington, sister of the bride and wife of a Y-12er, was maid of honor. She wore a street-length dress of white and gold and her flowers were yellow carnations.

James Seivers, of the Y-12 Badge and Pass Department, was best man.

Following the ceremony a reception was given by Mrs. Jack Surber, of Elizabethton, Tenn., at the home of the bride's parents.

The couple is living in Oak Ridge.

### MORROW-ROSE

The marriage of Miss Parthena Rose, of Unaka, N. C., to Beecher B. Morrow, of the Y-12 Chemical Department, has been announced by Mr. and Mrs. John H. Rose, of Unaka. The ceremony was performed at 11:45 a.m. on Saturday, December 19, 1953, at McCaysville, Ga.

The groom is the son of the Rev. and Mrs. A. G. Morrow, also of Unaka.

Both the bride and groom attended Hiwassee Dam High School, Hiwassee Dam, N. C.

## Carbide Wives Set First 1954 Meeting Next Week

The first meeting of 1954 of the Carbide Wives will be held at 7:30 o'clock next Wednesday night, January 20, at the Ridge Recreation Hall when bridge and canasta will be played. All wives of Carbide employees in Y-12 are invited to attend the session.

Mrs. Ray B. Clark will be the executive board member in charge of the meeting. Hostesses will include Mesdames William Penn, whose husband is a Y-12er; B. B. Gregory, H. M. McLeod, R. S. Lord, W. H. Suffridge and M. N. Strickland.

## Welders, Testers To Hold Joint Meeting January 18

A joint session of the Northeast Tennessee Section of the American Welding Society and the Oak Ridge Chapter of the Non-Destructive Testing Society will be held at 8 o'clock next Monday night, January 18. The joint session will be held at the Oak Ridge Knights of Columbus hall. W. E. Thomas, vice president of the Magnaflux Corporation, Chicago, Ill., will speak on "Non-Destructive Testing of Welds." The numerous Y-12 members of both organizations are urged to attend the meeting.

"Most of life is routine—dull and grubby, but routine is the momentum that keeps a man going. If you wait for inspiration you'll be standing on the corner after the parade is a mile down the street."—Ben Nicholas.





**GROUP TWO OF ADP STAGED A BIG TURKEY SHOOT** recently at the Oak Ridge Air Park and the first two winners of turkeys are pictured above, left being R. P. Putnam and right Carl Frazier. The bottom photo shows a group getting ready to fire at their individual targets hoping for a bullseye. Reading from left are Carl Frazier, Winifred Ray, Frank Stoetzel, C. E. Miller, Herbert Howard, Lawrence Howard, Ray Barnette, Sam McClanahan, C. W. Perry, Buck Lambdin, Norman Dykes, J. T. Waters and W. E. Loveless.

## Wheels Drop Rams To Annex First Half Y-12 Mixed Bowling Loop Championship

The hard rolling Wheels are the first half champions of the highly popular Y-12 Mixed Bowling League. After trailing the Rams most of the season, the Wheels rose to the occasion during the last night of action of the first half.

and took four big points from the previous league leaders. Members of the new champion team include Wilma Brock, Florence Housch, Bill Hays and Howard Horne.

Individual honors last week went to Shirley Thompson, of the Ponies, who rolled a 175 scratch game, boosted to 225 with handicap, while Wilma Brock, Wheels, had a 437 scratch series, increased to 599 with handicap. In the men's division Gib Hatmaker, of the Cards, slammed the pins for a 179 scratch game and a 498 scratch series while Bill Helton, Hubs, tallied a 214 handicap game and a 605 handicap series. Team honors for last week went to the Papis with a 585 scratch game and a 1687 scratch series. The Hubs scored a 777 handicap game while the Wheels came through with a 2271 handicap series.

Other results last week saw the Hubs taking three points from the Papis and whitewash victories were turned in by the Cards and Ponies over the Spotters and Pin Balls, respectively.

League standing follows:

Team	W	L
Wheels	42	18
Rams	38	22
Papis	35	25
Hubs	30	30
Cards	28½	31½
Ponies	27	33
Spotters	24	36
Pin Balls	15½	44½

## Orphans Take First In D Bowling Loop

The improving Orphans are back in first place again in the D League after splitting four points with the Unknowns last week at the Central alleys. The Peons also continued on the victory trail by taking three points from the cellar dwelling Vectors while the hard fighting Rollers managed to salvage two tallies from the hustling Sooners.

The Unknowns took most of the team honors last week, rolling a 1021 handicap game and a 810 scratch single, the latter mark being second high for the first half. The Orphans also got into the act with a 2223 scratch series while the Sooners tallied a 2860 handicap series. Horne, Peons, rolled a 244 handicap game and a fine 642 handicap series to take individual honors for the week. Roy Roberts, also of the Peons, came through with a 521 scratch series while Charley Peterson, of the Sooners, rolled a 194 scratch game.

League standing follows:

Team	W	L
Orphans	40	20
Peons	37	23
Sooners	36	24
Rollers	24	36
Unknowns	23	33
Vectors	18	38

Alcohol removes the finish from people faster than from furniture.

## All Stars Roll Way To B League Top

The All Stars are riding in first place in the B League after taking four points from the Swingsters last week at the Oak Terrace alleys. Other league action saw the Bumpers win three tallies from the Wasps while the Rebels, first round champs of the league, took three points from the hard rolling Strikers. The Rippers continued to show improvement by spanking the Has Beens by a three point margin while Bldg. 9211 managed to salvage three markers from the fighting Tigers. The Wolves and Cubs fought to a deadlock in their battle each winning two points.

Team honors for last week belonged to the Bumpers who rolled a 928 scratch game, boosted to 1058 with handicap, a 2590 scratch series, increased to 2980 with handicap, all marks being high for the second round with exception of the handicap series score. Ernie Cobble, of the Bumpers, smacked the pins for a 234 scratch game, boosted to 256 with handicap and Cobble went on to roll a 586 scratch series, boosted to 652 with handicap.

League standing follows:

Team	W	L
All Stars	16½	3½
Has Beens	15	5
Bumpers	14	6
Rebels	13	7
Cubs	12	8
Tigers	11	9
Wasps	8	12
Wolves	8	12
Rippers	6½	13½
Strikers	6	14
Swingsters	5	15
Bldg. 9211	5	15

## Varsity Pinsters Top Independents

The Y-12 men's varsity bowling team turned in another victory last week in the Oak Ridge City League over the Independents by a three-point margin. The Y-12ers are now only 11 points out of first place.

Joe Pryson led the parade for Y-12 last week with a sizzling 556 series made up of games of 168, 208 and 180. Pryson was followed by Frank Gragg with 196, 179, 160 — 535; George Schierbaum 179, 172, 171 — 522; Len Hart 135, 187, 184 — 506; and Jack Spears 154, 161, 155 — 470. Team totals for Y-12 were 832, 907, 848—2589 against 858, 822, 800—2480 for the Independents.

The Y-12 pinsters were scheduled to roll against WATO this week at the Oak Terrace alleys.

## ADP Wins Thriller In Plant League

Maintenance Wallops Engineers, Hold Lead

The Y-12 Plant Basketball League got in a full night of action last week at the Jefferson Junior High gymnasium as ADP turned in its second win of the season with a thrilling 31 to 29 overtime win over the hard fighting Duds. The game was close all the way with the score knotted 29 and 29 at the end of regulation play but Pat King, ADP guard, whipped in a basket in the overtime period to clinch the contest. King racked up 17 big points for the winners and Collen Shots came through with seven points for ADP. Frank Winstead led the Duds with 10 points and Herbert White contributed seven tallies for the losers.

In the other game last week, Maintenance remained undefeated in the league by trouncing the Engineers 52 to 23 as Clyde "Lefty" Carter meshed 14 points for the winners. Carter also played a good floor game and took everything off of both backboards. Bill Malcolm, Maintenance forward, scored 12 points for the unbeaten crew. The Engineers played a fine game considering it was their first game of the season with very little practice. Howard Phillips led the losers with 10 points followed by Manager Hobey Thomas with eight tallies.

The schedule for the next two weeks follows:

Monday, January 18—6:30 p.m., ADP vs Engineers. 7:45 p.m., Maintenance vs Duds.

Monday, January 25—6:30 p.m., Maintenance vs Engineers. 7:45 p.m., Duds vs ADP.

League standing follows:

Team	W	L
Maintenance	3	0
ADP	2	1
Duds	1	2
Engineers	0	3

## NBC Tops Robins In Nashville Tilt

The Y-12 Robins suffered their second defeat of the season at the hands of the Nashville Business College sextet last Sunday when they dropped a 41 to 21 decision to the Mid-State lassies at Nashville. The taller and larger Nashville girls took an early lead and were never headed. The score at half-time was 24 to 11.

## Y-12 SPORTS

### Y-12 Pin Meet Is Scheduled

February 6, 7, 13, 14 Set For Tournament

The annual Y-12 Plant Bowling Tournament will be staged February 6, 7, 13 and 14 at the Oak Terrace alleys with a great majority of the alley enthusiasts in the plant expected to enter the various events. The deadline for entering the tournament will be at noon, Wednesday, January 27. Trophies, Cash Prizes Offered

Competition will be staged in team play, doubles and singles. A total of 42 handsome trophies will be offered winners, in addition to cash prizes realized from entry fees. The distribution of cash prizes will be arranged so that about one out of every four bowlers entered in the tournament will earn an award.

To be eligible to enter the tournament Y-12 bowlers must have rolled at least 15 games in any American Bowling Congress sanctioned league. Not more than one member of any Oak Ridge City League team may roll on a team entered in the Y-12 tournament. Substitutions will be allowed on teams and in doubles play but not in singles.

Absence Will Forfeit Fees

The entry fee will be \$2.10 per bowler, per event. Of this amount \$1.10 will be for prize money and \$1 for bowling fees. The entry fee will be forfeited if a bowler does not appear for competition on scheduled time.

Bowlers not wanting to compete for prize money may pay cost of bowling only and be eligible for trophies.

Handicaps in effect on January 1 will be used in the tournament. Y-12ers who have not been bowling in a Y-12 league may use their handicap prevailing in whatever league they have been playing with the league secretary certifying the handicap.

### ANTI-GALE BOMB SEEN

Columnist Dorothy Kilgallen has predicted that the next big development in atomic research will revolve around powerful bombs to turn back hurricanes at sea. She reports that a science team in Chicago has been working on the problem for more than a year.

## Cards Divide Pair In Knoxville Loop

Robins Drop First Tilt In Oak Ridge Circuit

Both Y-12 varsity basketball teams, the Robins and Cardinals are back in action after the holiday layoff. The Cards, managed by Carl Sanders, turned in their first triumph in the Knoxville Metro League last week with a resounding 36 to 32 win over C.I.O. No. 90. The win was sweet revenge for the Y-12 men as the C.I.O. lads whipped the Y-12ers in the recent Knoxville Milk Fund tournament.

Captain Hardin Leads Scorers

The Y-12 men led throughout the tussle getting ahead by 22 to 13 at the half and held on to the slender lead until the final gun sounded. Capt. Fred Hardin led the scoring parade for Y-12 as he poured 15 tallies through the nets. "Jiggs" Seivers, the Clinton flash, came through with nine important points and took everything off both backboards but the paint. Charley Kirkwood, recent addition to the squad, also played a fine defensive game for the Cardinals.

In the other Cardinal game of last week in the Metro League, Kelso Oil basketballers spanked the Cards to the tune of 40 to 30 at the Chilhowee Park gymnasium. The Y-12 men had a bad night, falling behind in the final quarter. Co-Capt. Louis Fitzgerald led the point getters for Y-12 with seven, followed by Charley Osborne with five markers.

Robins Tied For First Place

The Y-12 women dropped their first game of the year in the Oak Ridge City League last week to the K-25 K-Dettes by 38 to 28 at the Oak Ridge High School gymnasium. The Robins and K-25 are now tied for first place in the City League with two wins and one loss. The Y-12 lassies jumped to a two-point lead at the end of the first quarter in this contest but fell behind at the half by 13 to 21 and never could recover from the shock. Ruby O'Kain led the scoring for Y-12 with 16 counters followed by her little sister, Nell McGinnis, with 10 tallies. Ray led the K-25 women marking up 13 points.

The Robins are slated for action again tonight, Wednesday, January 13 at 7:30 p.m., against Oak Ridge Institute of Nuclear Studies at the Oak Ridge High School gymnasium.

Cards Going To Chattanooga

On Saturday, January 23, the Cardinals face tough competition in Chattanooga against the highly touted Chattanooga Cherokees. The Cherokees are made up of former stars from the University of Chattanooga, Georgia Tech and Soddy-Daisy High School.

Line scores of games last week follows:

Robins	8	13	21	28
K-25	6	21	35	38
Cardinals	7	17	26	30
Kelso Oil	9	17	23	40
Cardinals	9	22	29	36
C.I.O. No. 90	6	13	24	32

## Varsity Keglerettes Whitewash AECEA

The Y-12 women's varsity bowling team whitewashed AECEA last week in the Oak Ridge City League to remain in first place in the City Loop. The Y-12 lassies pieced together a fine 2251 series made up of games of 724, 749, and 778 against 714, 628, 724—2066 for AECEA.

Doris Walton led the scoring parade for Y-12 with 167, 145, 170—482; followed by Mavis Koons 150, 154, 168—472; Ruby O'Kain 136, 160, 170—466; Juanita Reed 146, 180, 125—451 and Betty Whitehorn 125, 110, 145—380.

The Y-12 women are slated to bowl against K-25 this week at the Oak Terrace alleys.



**THE VARIOUS ATHLETIC TEAMS IN Y-12 ENJOYED A** successful year in 1953 as evidenced by the above picture of the trophies won last year. The trophies are on display at the Recreation Office, North Portal. Trophies on the first row from left being American Division City Volleyball League, Women's State Softball Tournament second place, Men's City Bowling League, Women's City Bowling League, Women's Milk-Fund Tournament, City "B" Softball League, Smoky Mountain Golf League, now in permanent possession of Y-12 after winning league championship for three consecutive years; Men's Knoxville Invitational Tournament, Men's Knox-Ridge League, City Pistol League and the City Rifle Handicap League.



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## Carbide Awarded 12th McGraw-Hill Plaque

Continued from Page 1  
the coal-hydrogenation process, remarking that the Company had been concerned also with the situation in the field of aromatic chemicals for the past 15 years. "Historically," he stated, "these products have been produced from coal tar, which in itself is a by-product of the by-product coke industry."

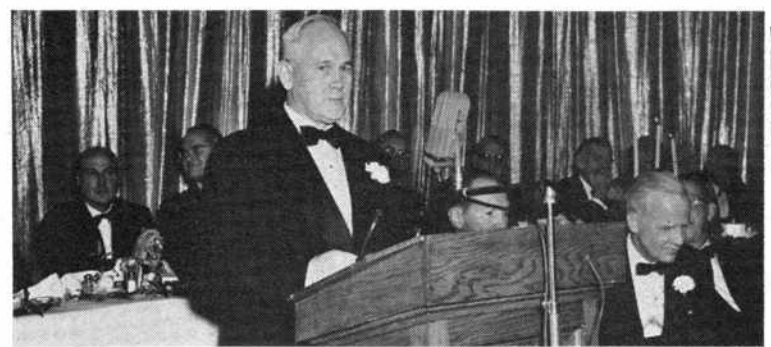
He also pointed out that the production of aromatic chemicals by the hydrogenation of coal had been achieved in Britain and Germany. However, the process proved entirely uneconomic in the United States at that time. "Our studies indicated the production of aromatic chemicals could be achieved through the hydrogenation of coal but under quite different conditions from those employed by the Germans and the British."

"We are today, with respect to the production of aromatic chemicals from coal, just about where we were with respect to aliphatic chemicals from gas and oil 20 years ago."

"We have built a large pilot plant at a cost of some \$11,000,000 and in addition, have spent some \$8,000,000 to \$9,000,000 on research and development, so our total expenditures to date are about \$20,000,000."

He emphasized that Carbide was using the plant in experiments to gain the know how for getting the greatest yields of desired products. Equipped with this knowledge, Carbide engineers could begin on plans for a larger plant.

Dr. Davidson ended his speech with an optimistic note in which he said, "All this I hope will come to pass within the next few years and over the next 20 years I confidently expect to see the aromatic chemical industry, based on coal, develop to great stature in the United States, bringing with it, as was true once before, better things that will help to raise the standard of living and make this country of ours a better place in which to live."



**DR. J. G. DAVIDSON, AT ROSTRUM, PRESIDENT OF Carbide and Carbon Chemicals Company, accepts Chemical Engineering Achievement Award.**



**NED H. DEARBORN, LEFT, PRESIDENT OF THE National Safety Council, is shown presenting AEC Chairman Lewis L. Strauss with the Council's Award of Honor.**

## Safety Council Gives High Award To AEC

Continued from Page 1  
was reduced by 33 per cent. The Council Award of Honor was based on this record of improvement.

The injury rate in the AEC program has steadily declined since the 1949-1951 period. The frequency of injuries from accidents in the program dropped from 5.40 per 1,000,000 man-hours in 1949 to 2.51 in 1952. The injury rate for American industry dropped from 10.14 to 8.40 per 1,000,000 man-hours during the same period.

### Contractors Rate Drops

The injury rate for employees for AEC operation contractors was 2.29 per 1,000,000 man-hours in 1952, compared to 3.02 for 3.02 for 1949-1951. The 1952 rate reported by the National Safety Council for the chemical industry, the nearest comparable industry, was 5.10.

Fatalities were reduced from the 1949-1951 average of 13 to 11 in 1952. Of the 1952 deaths, none was due to radiation. Nine occurred in construction, one in a motor vehicle accident and one in loading a heavy generator which fell. The AEC fatality rate in 1952 was 7.6 per 100,000 employees, compared to 26 reported by the National Safety Council for all United States industry in 1952.

## Mechanical Engineers Set Talk By E. F. Brill Tonight

An illustrated talk by E. F. Brill, chief of the nuclear power section of the Allis Chalmers Co., will feature a meeting of the Oak Ridge Chapter of the American Society of Mechanical Engineers tonight, Wednesday, January 13, at the Starlight Room of the Oak Terrace in Oak Ridge. A dinner will be held at 6:30 p.m., followed by the talk at 8 p.m.

Brill's subject will be on "Canned Rotor Pumps." All mechanical engineers in Y-12 and Oak Ridge, guests and friends are invited to attend the session.

## Rides Wanted, Offered

**Five Riders Wanted**—From vicinity of Lancaster Road, Oak Ridge, straight day. J. W. Raines, plant telephone 7469, home telephone 5-4728.

**Riders Wanted** — From North Knoxville or Fountain City, 4:00 p.m. to 12:30 a.m., shift. Joe Miller, plant telephone 7924.

**Riders Wanted** — From Park City vicinity of Knoxville, straight day. Richard Stout, plant telephone 7-8246, home telephone 3-7776, Knoxville.

**Ride Wanted Or Will Participate In Car Pool**—From Bearden, vicinity of Rocky Hill School, straight day. W. L. Allen, plant telephone 7170, home telephone 8-4704, Knoxville.

## Roy Wells Funeral Services Held Saturday At Solway

Funeral services were held last Saturday at the Solway Church of God for Roy Wells, 51, stock keeper in the Y-12 Stores Department, who died at noon Wednesday, January 6, following a lengthy illness. The rites were conducted by the Revs. W. B. Chamberlain and W. H. Dial and Masonic ceremonies were held at the interment in the church cemetery by Beaver Ridge Lodge No. 366, F. & A.M., of which Wells was a member.

Two Y-12ers are in-law relatives of Wells. O. C. Hartman, Manufacturing Office, is a brother-in-law and C. W. Smith, Mail Department, is a son-in-law. Other survivors include widow, Mrs. Dorothy Wells, four sons, James, Neal, Jerry and Bobby, all of Knoxville; four daughters, Mrs. Harold Bailey, Oak Ridge; Mrs. Cecil W. Smith, Concord; Mrs. Don Beeler and Miss Joyce Wells, Knoxville; a brother and four grandchildren.

Wells came to work in Y-12 on April 17, 1951.

One thing to be thankful for—we don't get as much government as we pay for.

## UCC Post In Canada Given W. M. Smart

William M. Smart, of White Plains, N. Y., has just been appointed Vice-President, Secretary, and Treasurer of Union Carbide Canada, Limited, according to an announcement in Toronto by Ewart Grieg, President.

Smart, former Assistant Treasurer, Union Carbide and Carbon Corporation, assumed his new duties January 1. At this time, Union Carbide Canada Limited, a newly-formed subsidiary of Union Carbide and Carbon Corporation, took charge of all Canadian operations of the Corporation. Union Carbide Canada Limited will carry on its business in five fields of major industrial activity—alloys, carbons, gases, chemicals, and plastics—through a number of Divisions including Bakelite Company, Carbide Chemicals Sales Company, Dominion Oxygen Company, Electro Metallurgical Company and the National Carbon Company.

Smart started his career with Union Carbide in 1923 as an employee of National Carbon Company at Cleveland, Ohio. After a varied and comprehensive experience in cost, sales and general accounting, he became, in 1945, manager, plant accounting, for all plants of Union Carbide. Early in 1953 he was made Assistant Treasurer of the Corporation.



**W. M. Smart**

## Y-12 Volleyballers Drop City Loop Tilt

The Y-12 varsity volleyballers playing in the Oak Ridge City League dropped two games last week to the strong Atomic Energy Commission team. The Y-12ers are now tied for second place in the league, only a few points under the front running K-25 Carbons.

The Y-12 men dropped the first two games of the set 7 to 15 and 14 to 16 but came roaring back to grab the final game 15 to 6.

The Y-12 team is headed this season by Bill Moles and all volleyball fans in Y-12 are urged to go out and see this fine team in action each Monday night at the Elm Grove gymnasium.



**WHEN A MAN, A MAN YOU'LL BE  
KID STUFF, YOU NO MORE CARE TO SEE  
TEACH HIM SAFETY, TEACH HIM RIGHT  
HE'LL GROW TO BE A NOBLE KNIGHT.  
MAC AND DAD**

## Election And Dividend Plan Of Credit Union

Continued from Page 1  
the committee in addition to Leroy Thornton, C. V. Ketron, W. R. McGill and Floyd Ludwig. The two elected will serve for two years.

Robert Kelly and LeVaughn Davis are retiring members of the three-member supervisory committee with Charles J. Gillihan the remaining member. Davis has been renominated along with F. K. Shook and A. L. Bissell. Elected members also serve for two years on this committee.

### Membership Declares Dividend

The dividend to be declared by the credit union is strictly by vote of the membership, President Fortenberry has pointed out. The current dividend is to be applied on a per share per month basis with the rate to be set by the membership after hearing a report from the board of directors on the financial condition of the credit union.

For the past two years the credit union has declared a dividend of 4.2 per cent. The dividends have been applied to the share holdings of the members.

The new officers of the credit union are selected by the newly elected board of directors.

## Rusty Five Blast C League Records

The big noise heard in the C League last week at the Central alleys was the Rusty Five blasting pins all over the place. After all the smoke cleared "Paddy" Peckman, the "old pro" among the Rusty Five keglers, had rolled a 251 handicap game, a 605 scratch series, a 680 handicap series and a 226 scratch game, all of the marks being high for the second half with the exception of the scratch single score. The Rusty Five also swept all team honors last week, rolling a scratch series of 2396, boosted to 2903 with handicap, a 843 scratch game, increased to 1012 with handicap.

Team results last week recorded a four-point victory for the first place Cant Hooks, captained by Otis Rackley, over the Uranium Control Junior Varsity, headed by Clyde Hopkins. Other whitewash victories were turned in by the Hot Wires and Rusty Five over the Hooks and Glass Arms, respectively. The Screw Balls and Hornets will make up their match later.

### League standing follows:

Team	W	L
Cant Hooks	8	0
Hot Wires	8	0
Rusty Five	7	1
Hornets	3	1
Hooks	1	7
UCJV	1	7
Screw Balls	0	4
Glass Arms	0	8

### SOVIETS HONOR SCIENTISTS

The New York Times reports that the top honors given 2,300 Russian scientists appear to be for effort on the hydrogen bomb and suggests that the large number of recipients may be an indication of the magnitude of the Reds in this field.

The man who wants to lead the orchestra must turn his back on the crowd.